

Reelcraft 5450 OLP

Reelcraft 5450 OLP Hose Reel User Manual

Model: 5450 OLP

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Reelcraft 5450 OLP Hose Reel. Please read these instructions thoroughly before installation and use to ensure proper function and longevity of the product. This hose reel is designed for air or water applications.



Image 1: The Reelcraft 5450 OLP Hose Reel, featuring a durable steel construction and compact design suitable for various applications.

2. SAFETY INFORMATION

Adhering to the following safety guidelines is crucial for preventing injury and product damage:

- Always wear appropriate personal protective equipment (PPE) such as safety glasses when operating or maintaining the hose reel.

- Ensure the hose reel is securely mounted to a stable surface before connecting any hoses or pressure sources.
- Do not exceed the maximum rated pressure of **300 psi** for this hose reel.
- The PVC hose is suitable for air or water. Do not convert compressed air hoses for oxygen service, as this can be extremely hazardous.
- Keep hands and body clear of the hose during retraction to prevent injury from sudden movement.
- Do not attempt to disassemble or repair the spring mechanism unless you are a qualified technician, as stored energy can cause severe injury.
- Ensure the hose is fully extended and depressurized before performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Reelcraft 5450 OLP Hose Reel (with 1/4 inch x 50 ft PVC hose installed)
- Instruction Manual
- Mounting Hardware (may vary by package)

4. SETUP AND INSTALLATION

4.1 Mounting the Hose Reel

1. Select a suitable mounting location that is structurally sound and can support the weight of the reel and hose, plus any operational forces.
2. Position the reel and mark the mounting holes. The guide arm can be adjusted to two positions for optimal hose payout.
3. Drill pilot holes if necessary and securely fasten the hose reel using appropriate hardware (not always included).
4. Ensure the reel is level and stable after mounting.

4.2 Connecting the Hose

1. Connect your supply hose to the **0.38 inch (F) NPTF** inlet fitting on the side of the reel.
2. Connect your tool or nozzle to the **0.25 inch (M) NPTF** outlet fitting at the end of the hose.
3. Use thread sealant tape or compound on all threaded connections to prevent leaks.
4. Tighten all connections firmly, but do not overtighten.

4.3 Connecting to Air or Water Source

1. Once all hose connections are secure, connect the supply hose from the reel to your air compressor or water supply.
2. Slowly open the air or water supply valve to pressurize the system. Check for any leaks and tighten connections as needed.

5. OPERATING INSTRUCTIONS

5.1 Extending the Hose

1. Pull the hose steadily from the reel to the desired length. The reel's latching mechanism will engage at

intervals, holding the hose in place.

2. To extend further, pull the hose slightly past the last latching point until the mechanism clicks, then release.

5.2 Retracting the Hose

1. To retract the hose, pull it gently but firmly until the latching mechanism disengages (you will hear a click).
2. Guide the hose back onto the reel as it retracts to ensure even layering and prevent tangles. Do not release the hose abruptly, as it can whip and cause injury or damage.

6. MAINTENANCE

6.1 Regular Inspection

- Periodically inspect the hose for cuts, abrasions, bulges, or other signs of wear. Replace damaged hoses immediately.
- Check all fittings and connections for leaks. Tighten or replace as necessary.
- Inspect the reel's mounting hardware for tightness and corrosion.
- Verify the guide arm moves freely and is not obstructed.

6.2 Cleaning

Clean the exterior of the hose reel with a damp cloth. Avoid using harsh chemicals that could damage the finish or hose material. Keep the hose clean and free of debris to ensure smooth retraction and prevent damage.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hose does not retract fully. | Latching mechanism stuck, spring tension lost, or hose obstructed/tangled. | Pull the hose out completely and then guide it back slowly. Check for any debris or kinks in the hose. If the spring tension is lost, contact Reelcraft customer support; do not attempt internal repairs. |
| Leaks at connections. | Loose fittings, damaged threads, or insufficient thread sealant. | Depressurize the system. Tighten fittings. If leaks persist, disassemble, inspect threads, reapply thread sealant, and reassemble. Replace damaged fittings. |
| Hose reel makes excessive noise during operation. | Lack of lubrication, worn bearings, or internal obstruction. | Ensure the reel is clean. If noise persists, contact customer support. |

8. SPECIFICATIONS

- **Model:** 5450 OLP

- **Hose Diameter:** 0.25 inches (1/4 inch)
- **Hose Length:** 50 feet
- **Maximum Pressure:** 300 psi
- **Inlet Connection:** 0.38 inch (F) NPTF
- **Outlet Connection:** 0.25 inch (M) NPTF
- **Maximum Temperature:** 150° F (65° C)
- **Material:** Steel construction, PVC hose
- **Overall Dimensions:** Approximately 14.5 inches (Height) x 13.5 inches (Width)

9. WARRANTY AND SUPPORT

For warranty information, technical assistance, or to order replacement parts, please contact Reelcraft customer support. Refer to your purchase documentation or the official Reelcraft website for specific warranty terms and contact details.

Reelcraft Website: www.reelcraft.com